

NiceProt View of Swiss-Prot: O95948

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[General] [Name and origin] [References] [Comments] [Cross-references] [Keywords] [Features] [Sequence] [Tools]

Note: most headings are clickable, even if they don't appear as links. They link to the user minual or other documents, seemental information about the events.

Entry name ONC2_HUMAN

Primary accession number O95948
Secondary accession numbers None

Entered in Swiss-Prot in Release 40, October 2001 Sequence was last modified in Release 40, October 2001 Annotations were last modified in Release 41, February 2003

Course was a less of the post-fix

Protein name One cut domain family member 2

Synonyms **ONECUT-2 transcription factor**

OC-2

Gene name ONECUT2

From Homo sapiens (Human) [TaxID: 9606]

Taxonomy Fukaryota: Metazoa: Chordata: Craniata: Vertebrata: Futeleostomi:

Mammalia: Lutheria: Primates: Catarrhini: Hominidae: Homo.

Train Parkage

[1] SEQUENCE FROM NUCLEIC ACID.

MEDLINE=99115605; PubMed=9915796; [NCBI, ExPASy, EBI, Israel, Japan]

Jacquemir P., Lannov V., Rousseau G.G., Lemaigre F.P.:

"OC-2, a novel mammalian member of the ONECUT class of homeodomain transcription factors whose function in liver partially overlaps with that of hepatocyte nuclear factor-6.":

J. Biol. Chem. 274(2665-2671(1999).

satisfied by the

- FUNCTION: TRANSCRIPTIONAL ACTIVATOR, ACTIVATES THE TRANSCRIPTION OF A NUMBER OF LIVER GENES SUCH AS HNF3B.
- SUBCELLULAR LOCATION: Nuclear.
- SIMILARITY: Contains 1 CUT domain.
- **SIMILARITY**: BELONGS TO THE CUT HOMEOBOX FAMILY.

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The Introduces

EMBL Y18198; CAB38253.1; -,[FMBI GenBank DDBJ] [CoDingSequence]

10 259: -. TRANSFAC

HGNC:8139: ONECUT2. Cienew HGNC:8139; ONECUT2. CleanEx MIM 604894 [NCBI | 1 BI].

OM (T.12. GeneCards

GeneLvnx. ONECLE2: Homo sapiens.

GO:0003702: Molecular function: RNA polymerase II transcription factor activity

(traceable author statement).

GO GO:0007397; Biological process: histogenesis and organogenesis *(traceable author*

statement).

SOURCE ONECT 12: Homo sapiens.

Ensembl O95948: Homo sapiens. [Entry / Contig view]

> IPR007108; Cut homeo. 1PF 003350; Hmoeo CUT.

InterPro IPF001356; Homeobox.

Graphical view of domain structure.

PF02376; CUT: 1.

Pfam P1-60046; homeobox: 1.

PD900010; Homeobox: 1.

ProDom [Domain structure / List of seq. sharing at least 1 domain]

SMART SM00389; HOX; 1.

PS00027; HOMEOBOX 1; FALSE NEG. PROSITE

PS50071; HOMEOBOX 2: 1.

HOVERGEN Hamily (Aligament (Tree)

BLOCKS 09.948.**ProtoNet** 095948. ProtoMap. 095948. PRESAGE O95948. DIP 095948. ModBase O95948.

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Franscription regulation: Homeobox: DNA-binding: Nuclear protein: Activator.

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Length: 485 Molecular weight: 52482 CRC64: AF21E052EFBE5DA1 [This is a checksum on the

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O95948 in FASTA format

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BLAST submission on BDASC TXPASCSIB or at NCBL(USA)



Sequence analysis tools: ProtParam, ProtScale, Compute pl Mw, PeptideMass, PeptideCutter, Dotlet (Java)

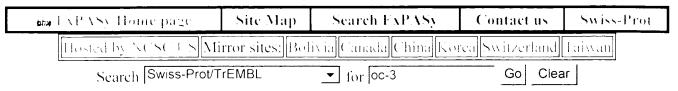


ScanProsite, MotifSean



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NiceProt View of TrEMBL: Q8K557

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[Sequence] [Name and origin] [References] [Comments] [Cross-references] [Keywords] [Features] [Sequence] [Fools]

Note: most headings are clickable, even if they don't appear as links. They link to the user menual or other documents, then each find or marking about the entry

Entry name Q8K557
Primary accession number Q8K557
Secondary accession numbers None

Entered in TrEMBL in Release 22, October 2002 Sequence was fast modified in Annotations were last modified in Release 24, June 2003

Some and ong a college coin

Protein name Onecut 3
Synonyms None

Gene name ONECUT3

From Mus musculus (Mouse) [TaxID: 10090]

Taxonomy Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia: Eutheria: Rodentia: Sciurognathi: Muridae: Murinae:

Mus.

P. Jereneck

[1] SEQUENCE FROM NUCLEIC ACID.

STRAIN=129 SvEvTacfBr:

MEDLINE=21942113: PubMed=11944891: [NCBL ExPASy, EBL Israel, Japan]

Vanhorenbeeck V., Jacquemin P., Lemaigre F.P., Rousseau G.G.:

"OC-3, a Novel Mammalian Member of the ONECUT Class of Transcription Factors.":

Biochem, Biophys. Res. Commun. 292:848-854(2002).

4 Service Life

None

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EMBL AY080897: AAL86921.1: -.[FMBL / GenBank / DDBJ] [CoDingSequence]

MGD MGE1891409; Onecut3. GeneEvnx ONECU 13; Mus museulus.

GO:0005667; Cellular component: transcription factor complex (inferred from direct

dSSGV).

GO (40):0003700; Molecular function: transcription factor activity (inferred from direct

assav).

(40):0006357:

Biological process: regulation of transcription from Pol II promoter

(inferred from direct assay).

SOURCE OHCHE: Mus musculus.

Ensembl Q8K557; Mus musculus, [Entry / Contig view]

IPRO07108: Cut. homeo.

IPR003350: Hmoeo CUT. InterPro TPROOF 356: Homeobox.

Ciraphical view of domain structure.

PI 02376; CUT: 1. Pfam

P1 00046: homeobox: 1.

PD000010: Homeobox: 1.

ProDom [Domain structure 11 ist of seq. sharing at least 1 domain]

SMART SM00389; HOX; 1.

PROSITE 2850071; HOMEOBOX 2: 1. HOVERGEN [Family / Alignment / Free]

Q8K557. ProtoMap. PRESAGE O8K557. OSK 557. ModBase

SWISS-

Get region on 2D P \GIs. 2DPAGE

Alexandre S. C.

None

Leadings

Length: **490**

None

escapitalista información

Molecular weight: 49656 CRC64: DBB3828589D6B03E [This is a checksum on the AAsequence

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Q8K557 in LASTA format

View carry in original TrEMBL format View entry in raw text format (no links). Requesi for annotation of this TrFMBL entry

BLAS! submission on BLASS TAPASY SIB or at NCBI (USA):



Sequence analysis tools: ProtParam, ProtScale, Compute pl Mw. Peptide Wass. Peptide Cutter. Dotlet (Java)



ScanProsite, Moti Scan



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			[PO: JPO:	
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			US-PGPUB;	
			1:PO; JPO;	
			DLRWE\-1	
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			US-PGPUB;	
			FPO; ЛРО;	
			DERWINI	
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			ЕРО: ЛРО:	
			DERWENT	
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			ЕРО; ЛРО;	
			DERWENT	
5	22	oc-2 and transcription	USPA1:	2003/06/16 08:18
			US-PGPUB;	
			ЕРО: ЛРО:	
			DERWENT	

FILE 'HOME' ENTEPED AT 08:21:45 ON 16 JUN 2003:

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, CANCEPLIT' ENTERED AT 08:21:56 ON 16 JUN 1003 1.1 66 S ONECUT 431 S OC 2 278 S OC 3 1.3 J-1 862610 S TPANSCRIPTION 53 S L1 AND L4 32 S L2 AND L4 24 S L3 AND L4 15 L6 L7 18 84 S L5-L7 L9 36 DUP PEM L8 (48 DUPLICATES REMOVED) LĪO 13 S L9 NOT PY>1999